

PN - FR2585853 A 19870206  
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 OPD - 1985-08-01

TI - Device generating light effects modulated by an audio signal and method for making video recordings or films

AB - Device generating light effects modulated by an audio signal and method for making video recordings or films.

The invention relates to a device enabling light effects to be made which have the special feature of depending very closely on an audio signal coming from a source of music. These light effects are intended to embellish the music, for example in auditoria or dance halls. The figure gives a diagrammatic representation of the device of the invention which makes the light effects. The device includes a cathode-ray tube 1, on the screen 3 of which light images are shown, the variation of which depends on an audio signal. These light images are multiplied by a kaleidoscope 4 placed in front of the screen 3. The light effects may be displayed directly by looking along the direction of the arrow 5 or projected by placing a convergent optical device at the free end of the kaleidoscope 4 or filmed by a camera.

<IMAGE>

PA - AMORETTI CHRISTIAN (FR)  
 EC - A63J17/00 ; G02B27/08 ; F21S8/00R4V4  
 CT - GB2093208 A [Y]; US3940789 A [Y]; US3501217 A [A];  
 US3928717 A [A]

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TI - Coloured lighting effect generator - has audio output dependent CRT screen producing image for projection

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PA - (AMOR-I) AMORETTI C

IC - G02B27/18

IN - AMORETTI C

AB - FR2585853 A cathode ray tube (1) is provided whose screen is controlled to produce coloured effects which are dependent on an audio signal. The video image on the screen is multiplied by a kaleidoscope (4) having its input surface in contact with the screen. The lighting effects may be viewed directly by looking into the opis

opposite end of the kaleidoscope (5).

- The light may alternatively be projected by putting a converging lens on the kaleidoscope, used to expose a film in a camera, or make a video recording.
- USE - Lighting equipment provides coloured illumination closely following music in entertainment or dance hall.(1/5)

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